P 071850Z DEC 05
FM DIRJOAP TSC PENSACOLA FL
TO NAVOAPROGMGR PENSACOLA FL
CDR LOGSA
OC ALC
AIG 165
AIG 350
AIMD BAHRAIN
AIMD WHIDBEY ISLAND WA
CG 3RD MAW
CG 2ND MAW
CG 4TH MAW
CG 1ST MAW
CNATRA CORPUS CHRISTI TX
COGARD ENGLOGCEN BALTIMORE MD
COMFAIRMED NAPLES IT
COMFAIRWESTPAC ATSUGI JA
COMMARFORPAC
COMNAVAIRSYSCOM PATUXENT RIVER MD
COMNAVAIRES NEW ORLEANS LA
COMNAVAIRFOR SAN DIEGO CA
COMNAVSURFLANT NORFOLK VA
COMNAVSURFPAC SAN DIEGO CA
COMVAQWINGPAC WHIDBEY ISLAND WA
ELU 1
ELU 2
HMX 1 QUANTICO VA
HQ USAF WASHINGTON DC
MALS 12
MALS 13
MALS 14
MCAS IWAKUNI JA
MCAS YUMA AZ
MIDLANTREGCALCEN NORFOLK VA
NAF ATSUGI JA
NAS SIGONELLA IT
NAS OCEANA VA
NAS WHIDBEY ISLAND WA
NAS FALLON NV
NAS KEY WEST FL
NAVAIRDEPOT CHERRY PT NC
NAVAIRDEPOT JACKSONVILLE FL
NAVSHIPYD AND IMF PEARL HARBOR HI
NAVTESTWINGLANT PATUXENT RIVER MD
SIMA MAYPORT FL
SIMA SAN DIEGO CA

USS ABRAHAM LINCOLN
USS BATAAN
USS BELLEAU WOOD
USS BONHOMME RICHARD
USS BOXER
USS CARL VINSON
USS DWIGHT D EISENHOWER
USS ENTERPRISE
USS ESSEX
USS GEORGE WASHINGTON
USS HARRY S TRUMAN
USS IWO JIMA
USS JOHN C STENNIS
USS JOHN F KENNEDY
USS KEARSARGE
USS KITTY HAWK
USS NASSAU
USS NIMITZ
USS PELELIU
USS RONALD REAGAN
USS SAIPAN
USS TARAWA
USS THEODORE ROOSEVELT
USS WASP
VAQ 129
CC CNO WASHINGTON DC
NAVAVNMAINTOFF CKA ORANGE PARK FL
SUBJ/INTERIM RAPID ACTION CHANGE (IRAC) 37 TO NA 17-15-50.3, T.O. 33-1-37-3, TM 38-301-3 DATED 1DEC04 WITH IRAC 36 P 281801Z OCT 05//
REF/A/COORDINATING GROUP MEETING TASKINGS DATED 16 NOV 05//
NARR/-//
POC/RESPONSIBLE CODE/MICHAEL CASSADY/JOAP MANUALS COORDINATOR/LOC: PENSACOLA NAS FL//00//
/EMAIL:MCASSADY@JOAPTSC.NAVY.MIL/DSN: 922-5627/TEL: 850-452-5627//
RMKS/

1. This interim rapid action change is an official change to all holders of NA 17-15-50.3, T.O. 33-1-37-3, TM 38-301-3. U.S. Army and U.S. Air Force Oil Analysis Program Management addressees are responsible for promulgation of this change to applicable service activities.

2. PURPOSES OF CHANGES: delete references to average concentration other elements, provide guidance for oil contamination.

3. DETAILED INFORMATION:

A. Pen and ink changes to the technical content of a manual are not authorized. The following technical content change information applies to the following referenced pages and paragraphs of the subject manual until a formal change is released.

B. For all components listed in JOAP Manual Volume III, the following changes apply:

All criteria listed for 'Average Concentration Other Elements' will be deleted for all listings. Until the formal change is made, evaluators will ignore the values listed for 'Average Concentration Other Elements.'

Boron (B), silicon (Si), and zinc (Zn) abnormal limits will all be set to 10.0 ppm for all components that do not currently have specified limits for these elements. Nonzero limits currently shown for components remain as they are.

The following two notes will be added to each aircraft component serviced with mineral lubricants SAE J1966 (formerly MIL-L-6802E) or SAE J1899 (formerly MIL-L-22851D); synthetic lubricants MIL-PRF-7808 or MIL-PRF-23699; hydraulic fluids MIL-PRF-5606 or MIL-PRF-83282; or equivalent commercial products:

Elevated boron (B) and/or zinc (Zn) concentrations usually indicate contamination with another oil type, primarily MIL-PRF-2104. Recommend resampling and retesting immediately. If new value exceeds 8.0 ppm, run check with D19-0 to ensure proper instrument function. When proper function is confirmed, report both results and suspected contamination with MIL-PRF-2104 to chain of command, maintenance chief, cognizant engineering authority (Army and Navy only), and other personnel as specified by local written procedures. Recommend flushing and retesting of contaminated pre-oilers, carts, or other reservoirs where contamination is found until both B and Zn concentrations fall below 8.0 ppm. Refer to JOAP Manual Volume II Section IX, page 9-1 for more information. Recommend segregation of confirmed or suspected contaminated stocks, and submit information (batch no., lot no., MIL-PRF, nature of problem, etc.) on such stocks through the Defense supply deficiency reporting system.

Elevated silicon (Si) concentration usually indicates contamination with soil, sand, or dust. If aluminum (Al) is also elevated, this suggests the presence of clay or soil. Recommend resampling and retesting immediately. If new value exceeds 8.0 ppm, run check with D19-0 to ensure proper instrument function. When proper function is confirmed, report both results and suspected contamination with soil, sand, or dust to chain of command, maintenance chief, cognizant engineering authority (Army and Navy only), and other personnel as specified by local written procedures. Recommend flushing and retesting of contaminated pre-oilers, carts, or other reservoirs where contamination is found until silicon concentration falls below 8.0 ppm. Refer to JOAP Manual Volume II Section IX, page 9-1 for more information. Recommend segregation of confirmed or suspected contaminated stocks, and submit information (batch no., lot no., MIL-PRF, nature of problem, etc.) on such stocks through the Defense supply deficiency reporting system.

4. Validation: These changes were validated by Dr. Edward T. Urbansky and Mr. Michael Cassady, JOAP TSC, Pensacola, FL, Code 00.

5. Related instructions:

   A. For paper copy: Maintain this IRAC with the applicable manual by placing or attaching it directly behind the title page. Mark the specific change area in the margin of each page affected with a vertical line, and include the IRAC number and date time group (DTG) of the message. This IRAC shall not be removed until receipt of the formal change pages.

   B. For IRACs affecting manuals on CD-ROM: affix an adhesive label to the CD-ROM case, annotate with the applicable publication number, IRAC number, and DTG of the IRAC message. The label should be positioned to allow additional updates as they occur. Maintain the IRAC on file until receipt of the superseding CD-ROM.

   C. Subject IRAC shall be incorporated into the applicable manual no later than 12 months after issue date by JOAP TSC Pensacola FL, Code 00//